



DESIGN 	DRAWN BY 	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED 	APPROVED 	DRAWING NO. DSI 9222	REV. A SHEET 1 OF 2
DATE 01.11.16		TITLE SEAT MODIFICATION KIT	SCALE NTS
A	01.11.16	NEW ISSUE	

## **DART SERVICE INSTRUCTION**

TO AMEND IIN-D350-689 REV. A

REF. CANADIAN STC: SH98-36  
US FAA STC: SR00912NY

### **INTRODUCTION**

THE PURPOSE OF THIS SERVICE INSTRUCTION IS TO ALLOW CUSTOMERS TO MODIFY THE REGULAR EUROCOPTER SEATS (REF. P/N 350A77-1080-05, 350A77-0068-0202 & 350A77-0068-01) FOR COMPATIBILITY WITH THE DART D350-689-013 FLOOR PROVISIONS KIT THAT GETS INSTALLED WITH THE D350-689-011 DUAL HIGH BACK SEAT. THE D350-689-015 KIT ALLOWS CUSTOMERS TO QUICKLY SWITCH BACK AND FORTH BETWEEN THE EUROCOPTER SEAT AND THE DART SEAT.

### **PARTS LIST**

Qty -015	Part Number	Description
X	D350-689-015	SEAT MODIFICATION KIT
2	D3029-1	SPRING
2	D3030-1	LOCK
1	D3033-1	SEAT TRACK
4	D3059-1	STUD
4	D3060-1	BUSHING
4	D3061-1	RADIUS BLOCK
3	AN960JD10L	WASHER
4	AN960JD516	WASHER
8	MS20426AD3-6	RIVET
4	MS21042L5	NUT (or MS21042-5)
4	MS21059L3	NUTPLATE
1	MS24693-S273	SCREW
3	MS27039-1-10	SCREW

### **INSTALLATION PROCEDURE**

1. INSTALL STUD FITTINGS ON EUROCOPTER SEAT SLIDES (REF. 350A77-1116-2401 & 350A77-1117-24) AS SHOWN IN FIGURE 2. THE CENTER OF THE STUD FITTINGS SHOULD BE 14.0" (356 mm) APART.
2. REMOVE ANY EXISTING RIVETS AT STA 50.94 (1294 mm) AND STA 70.47 (1790 mm) THAT INTERFERE WITH INSTALLATION OF SEAT TRACKS ON EXISTING OUTBOARD RUBBING STRIP (LBL 17.16).
3. LOCATE AFT END D3033-1 AT STA 70.47 AND CENTERED ON OUTBOARD RUBBING STRIP.
4. TRANSFER DRILL  $\varnothing 0.128"$  FROM FLOOR TO D3033-1 SEAT TRACK USING THE RIVET HOLES THAT WILL MOST CLOSELY GIVE THE DIMENSIONS SHOWN IN FIGURE 1.
5. OPEN SEAT TRACK AND A/C FLOOR HOLES TO  $\varnothing 0.191"$  AND COUNTERSINK HOLE FOR MS24693-S273 SCREW IN SEAT TRACK.
6. TOUCH UP ALL BARE METAL PER IIN-D350-689 REV. A.
7. INSTALL MS21059L3 NUTPLATES WITH MS20426AD3-6 RIVETS (4 PLACES) PER FIGURE 1.
8. INSTALL D3033-1 SEAT TRACK PER FIGURE 1.
9. CHECK FIT OF MODIFIED SEAT.

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

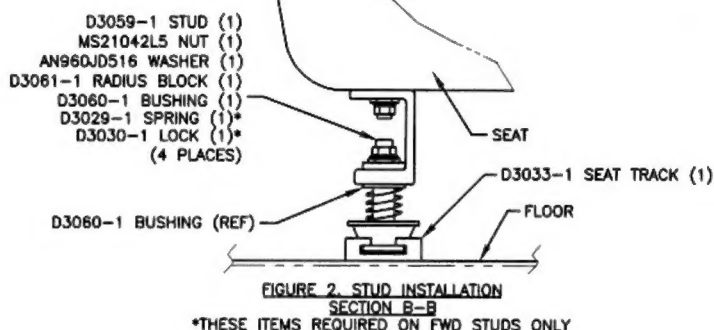
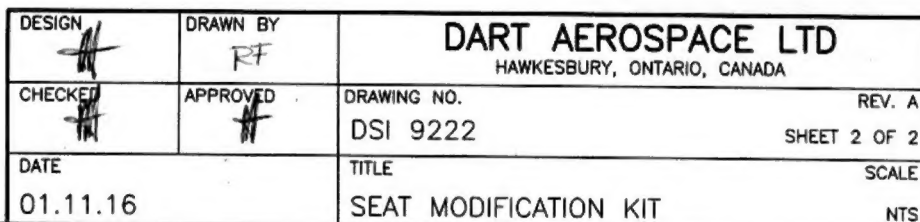
**APPROVED**

BY:   
D. SHEPHERD (DE # 02)

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